

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-41. (canceled).

Claim 42. (withdrawn) A process for producing an article having a solid electrolyte formed of an electrically conducting polymer composition in the form of a film-like or lamellar structure, which comprises coating an article to be provided with solid electrolyte formed of an electrically conducting polymer composition on the surface thereof with a solution containing a monomer of an electrically conducting polymer and a solution containing an oxidizing agent one after the other once or a plurality of times to form an electrically conducting polymer composition film, a rubber-like elastic material being contained in at least one of the monomer-containing solution and the oxidizing agent-containing solution.

Claim 43. (withdrawn): The process for producing an article having a solid electrolyte as claimed in claim 42, wherein coating is effected by dipping, applying, spraying or spreading.

Claim 44. (withdrawn): The process for producing an article having a solid electrolyte as claimed in claim 42, wherein the rubber-like elastic material is added to the monomer-containing solution and/or the oxidizing agent-coating solution in the form of solution or dispersion.

Claim 45. (withdrawn): An electrically conducting paste for solid electrolytic capacitors comprising an electrically conducting filler containing metal powder and a binder mainly comprising fluororubber.

Claim 46. (withdrawn): The electrically conducting paste as claimed in claim 45, wherein 80 mass% or more of the binder is fluororubber.

Claim 47. (withdrawn): The electrically conducting paste as claimed in claim 45, wherein 80 mass% or more of the electrically conducting filler is silver powder.

Claim 48. (withdrawn): The electrically conducting paste as claimed in claim 45, wherein the electrically conducting filler has an average particle size of from 1 to 10 μm .

Claim 49. (withdrawn): The electrically conducting paste as claimed in claim 45, wherein the electrically conducting filler content is from 50 to 95 mass% and the binder content is from 5 to 50 mass%.

Claim 50. (withdrawn): The electrically conducting paste as claimed in claim 45, which contains an organic solvent.

Claim 51. (canceled).

Claim 52. (currently amended): ~~The~~An electrically conducting carbon paste for solid electrolytic capacitors ~~as claimed in claim 51~~ comprising an electrically conducting carbon material, a binder, and a solvent, wherein the conducting carbon material contains artificial graphite in an amount of 80 mass% or more, and the artificial graphite has a fixed carbon content of 97 mass% or more, has an average particle size of 1-13 μm , an aspect ratio of 10 or less, and contains particles having a particle size of 32 μm or more in an amount of 12 mass% or less, wherein the binder is a material of rubber-like elasticity which is swellable or suspendable in a solvent.

Claim 53. (original): The electrically conducting carbon paste for solid electrolytic capacitors as claimed in claim 52, wherein the material of rubber-like elasticity is at least one species selected from the group consisting of isoprene rubber, butadiene rubber, styrene/butadiene rubber, nitrile rubber, butyl rubber, an ethylene/propylene copolymer, acrylate rubber, polysulfide rubber, a fluoropolymer, silicone rubber, and a thermoplastic elastomer.

Claim 54. (currently amended): The electrically conducting carbon paste for solid electrolytic capacitors as claimed in ~~any one of claims 51~~claim 52 ~~or~~ 53, wherein the conducting material accounts for 30-99 mass% and the binder accounts for 1-70 mass% of the entire solid content of the conducting carbon paste.

Claim 55. (withdrawn): The electrically conducting paste as claimed in claim 47, wherein the electrically conducting filler has an average particle size of from 1 to 10 μm .

Claim 56. (withdrawn): The electrically conducting paste as claimed in claim 47, wherein the electrically conducting filler content is from 50 to 95 mass% and the binder content is from 5 to 50 mass%.

Claim 57. (withdrawn): The electrically conducting paste as claimed in claim 48, wherein the electrically conducting filler content is from 50 to 95 mass% and the binder content is from 5 to 50 mass%.

Claim 58. (withdrawn): The electrically conducting paste as claimed in claim 55, wherein the electrically conducting filler content is from 50 to 55 mass % and the binder content is from 5 to 50 mass %.

Claim 59. (withdrawn): The electrically conducting paste as claimed in claim 46, which contains an organic solvent.

Claim 60. (withdrawn): The electrically conducting paste as claimed in claim 47, which contains an organic solvent.

Claim 61. (withdrawn): The electrically conducting paste as claimed in claim 48, which contains an organic solvent.

Claim 62. (withdrawn): The electrically conducting paste as claimed in claim 49, which contains an organic solvent.

Claim 63. (withdrawn): The electrically conducting paste as claimed in claim 55, which contains an organic solvent.

Claim 64. (withdrawn): The electrically conducting paste as claimed in claim 56, which contains an organic solvent.

Claim 65. (withdrawn): The electrically conducting paste as claimed in claim 57, which contains an organic solvent.

Claim 66. (withdrawn): The electrically conducting paste as claimed in claim 58, which contains an organic solvent.

Claim 67. (previously presented): The electrically conducting carbon paste for solid electrolytic capacitors as claimed in claim 52, wherein the conducting material accounts for 30-99 mass% and the binder accounts for 1-70 mass% of the entire solid content of the conducting carbon paste.

Claim 68. (previously presented): The electrically conducting carbon paste for solid electrolytic capacitors as claimed in claim 53, wherein the conducting material accounts for 30-99 mass% and the binder accounts for 1-70 mass% of the entire solid content of the conducting carbon paste.